



19 May 2025 Paris

e-Cases Catalogue

Valid as of 21 May 2025

PCRinnovatorsday.com



- › Comprehensive evaluation of coronary physiology and plaque vulnerability from coronary angiography
D. Ding
- › Co-registration of CCTA and angiography for PCI optimization
S. Tu
- › Validation of CT coronary angiography software to calculate fractional flow reserve: a pilot study.
A. Velikorodny
- › AutoOCT: A rapid artificial intelligence system for automated analysis of intracoronary OCT
M. Bennett
- › AI-enhanced decision making and PCI optimization in the cath lab
S. Tu
- › Saline OCT imaging at 400 frames/s (Raywatt)
J. S. Kim
- › Transatlantic Telerobotic Coronary Angiography: A Pre-clinical Feasibility Study
A. Candreva
- › UPSIZING RADIAL ARTERY
K. Bhoopalan
- › Kissing Balloon with single inflation device
K. Hambardzumyan
- › Machine learning to simplify complex coronary small vessel diagnostics
R. Sykes
- › Nano-1 a novel biodegradable metallic stent in Fe-316L stainless steel
O. Bertrand
- › Smart Health System For Doctors and Patients by AI
M. Ghasemi
- › Noninvasive Index of Microvascular Resistance by Artificial intelligence
F. Sadri
- › Stent dislodgment during complex intervention of distal LMS trifurcation
A. Yaseen
- › Cardiovascular Screening Based on Smart Health Kiosk
F. Sadri
- › Radial access sleeve to facilitate left radial approach to cardiac catheterisation
R. Casazza
- › Use of Guide Catheter Extension in Coronary No-Reflow Phenomenon: Kalay Technique
N. Kalay
- › AI-generated spread-out plots for vulnerable plaque identification in intracoronary OCT
J. Thannhauser
- › Automated Analysis of Coronary Angiograms using Artificial intelligence
F. Sadri

PCR Innovators Day - E-Cases - Interventions for Heart Failure

- › The Elevate Promise: High-Flow, 10 Fr pLVAD for Cardiogenic Shock

PCR Innovators Day - E-Cases - Interventions for Hypertension

- › The Electroducter sleeve : a breakthrough technology to unblind renal denervation interventions
L. Goffart (Pending confirmation)

PCR Innovators Day - E-Cases - Interventions for Stroke**PCR Innovators Day - E-Cases - Valvular Interventions**

- › Transcatheter Aortic Valve Repair for Aortic Insufficiency Using the Cusper Device
Y. Feld

- › The short self-expanding TAVR Valve: Optimum TAV
M. Thubrikar
- › A novel Transcatheter Tricuspid Valve Replacement system
Y. Snir
- › Measurement of mitral valve coaptation pressure: proof-of-concept on animal
D. Grinberg
- › Valve-in-valve TAVR in mechanical prosthesis
- › Simplified Purse string suture with 3-way stopcock for venous haemostasis in heart interventions
S. J. Camacho Freire
- › 20 years of Cerebral Embolic Protection Studies: lessons learnt and future directions
D. V. Shimon
- › When ECMO is the solution
R. Alawaisheh

PCR Innovators Day - E-Cases - Peripheral Interventions

- › Catheter-Based Transvascular RF Neural Ablation For Severe Pancreatic Cancer Pain Elpis Study
R. Schwartz
- › the TROJA wire: a thrombectomy device hidden inside a guide wire
S. Schauer
- › Medical device Blood'Up for radial artery detection
E. Guillouet